Neuroscience Letters, 122, (1991) 277–280
Elsevier Scientific Publishers Ireland Ltd.

AUTHOR INDEX

Aburthnott, G.W., see Butcher, S.P., 245
Agnati, L.F., see Martire, M., 87
Angulo, J.A., Ledoux, M. and McEwen, B.S., Chronic treatment with pentazocine or SFK 10047 decrease proenkephalin mRNA levels in the rat striatum and nucleus accumbens, 47
Antonelli, T., see Tanganelli, S., 270
Arendt, J., see Midwinter, M.J., 195
Armstrong, D.M., see Segovia, J., 252
Ault, B., see Fine, A., 4

Baba, A., see Koyama, Y., 210
Baldy-Moulinier, M., see Lerner-Natoli, M., 174
Beal, M.F., see Heyes, M.P., 265
Beani, L., see Tanganelli, S., 270
Beart, P.M., see Carlberg, M., 29
Belaidi, M., see Lerner-Natoli, M., 174
Benzing, W.C., see Segovia, J., 252
Bernard, J.F., Carroué, J. and Besson, J.M., Efferent projections from the external parabrachial area to the forebrain: a *Phaseolus Vulgaris* leucoagglutinin study in the rat, 257
Besson, J.M., see Bernard, J.F., 257
Bianchi, C., see Tanganelli, S., 270
Birnstiel, S. and Haas, H.L., Anticonvulsants do not suppress long-term potentiation (LTP) in the rat hippocampus, 61
Bobillier, P., see Lepetit, P., 218
Bonfilio, A.C., see Jacoby, H.I., 122
Bonnekoh, P., see Kuroiwa, T., 141
Bouras, C., see Hof, P.R., 53
Brysch, W., see Schlingensiepen, K.-H., 67
Buchanan, J.T. and Grillner, S., 5-Hydroxytryptamine depresses reticulospinal excitatory postsynaptic potentials in motoneurons of the lamprey, 71
Burian, M., see Gstoettner, W., 163
Bustos, G., see Fiedler, J., 96
Butcher, S.P., Liptrot, J. and Aburthnott, G.W., Characterisation of methylphenidate and nomifensine induced dopamine release in rat striatum using in vivo brain microdialysis, 245

Carlberg, M., Jarrott, B. and Beart, P.M., Specific binding of D-Tyr^{25} (Nle$^{28-31}$)-CCK(25–33) to cortical membranes from rat brain, 29
Carroué, J., see Bernard, J.F., 257
Chen, J., Paredes, W. and Gardner, E.L., Chronic treatment with clozapine selectively decreases basal dopamine release in nucleus accumbens but not in caudate-putamen as measured by in vivo brain microdialysis: further evidence for depolarization block, 127
Cheyne, D., Kristeva, R. and Deecke, L., Homuncular organization of human motor cortex as indicated by neuromagnetic recordings, 17
Clifford, D.B., see Izumi, Y., 187
Corrette, B.J., see Schwarz, J.R., 205
Cotter, J.R., see Laemle, L.K., 25
Courtney, N.D., Howlett, A.C. and Westfall, T.C., Dopaminergic regulation of dopamine release from PC12 cells via a pertussis toxin-sensitive G protein, 261
Cruz-Morales, S.E., see Del Guante, M.A.D., 79

Dalziel, D.J., see Holt, G.A., 117
Dauzenroth, M.-E., see Weller, U., 132
Davenport, P.W., see Holt, G.A., 117
Deecke, L., see Cheyne, D., 17
Del Guante, M.A.D., Cruz-Morales, S.E. and Prado-Alcalá, R.A., Time-dependent effects of cholinergic blockade of the striatum on memory, 79
Dlugos, C.A., see Laemle, L.K., 25
Do, M.C. and Thoumie, P., Motor compensatory reactions following a forward fall in subjects with unilateral abolition of the triceps-surae H reflex, 148
Dreyer, F., see Weller, U., 132
Duffy, O., see Roman, F.J., 202
Duggan, A.W., Hope, P.J., Lang, C.W. and Williams, C.A., Sustained isometric contraction of skeletal muscle results in release of immunoreactive neurokinins in the spinal cord of the anaesthetized cat, 191
Duron, B., see Wallois, F., 145
Dyball, R.E.J., see Leng, G., 159

Fernandez-Novoa, L. and Pastuszko, A., Neurocatin induces changes in release and level of serotonin in synaptosomal fraction from rat brain, 83
Fiedler, J. and Bustos, G., Cortical ablation reduces veratridine evoked release of endogenous glutamate from superfused substantia nigra slices, 96
Fine, A., Ault, B. and Rapoport, S.I., Mouse trisomy 16 neurons, a model of human trisomy 21 (Down syndrome), can be maintained by intracerebral transplantation, 4
Foehring, R.C., see Surmeier, D.J., 41
Franco-Cereceda, A., Effects of colchicine on the development of tachyphylaxis to calcitonin gene-related peptide in the guinea pig heart, 249
Freund, R.K., see Lin, A.M. -Y., 154
Fuji, K., see Nabeshima, T., 13
Fujii, T., see Ishida, N., 113
Fujimoto, M. and Mihara, S., Two states of the L-type Ca^2 channel in PC12 cells: different sensitivity to 1,4-dihydropyridines, 9
Fukumoto, H., Kakihana, M. and Suno, M., Recombinant human basic fibroblast growth factor (rhbFGF) induces secretion of nerve growth factor (NGF) in cultured rat astroglial cells, 221
Fuxe, K., see Martire, M., 87

Gansel, M., see Weller, U., 132
Gardner, E.L., see Chen, J., 127
Garzón, J., see Sánchez-Toscano, F., 1
Gay, N., see Lepetit, P., 218
Grange, E., see Lepetit, P., 218
Grillner, S., see Buchanan, J.T., 71
Grundemar, L., Wahlestedt, C. and Reis, D.J., Long-lasting inhibition of the cardiovascular responses to glutamate and the baroreceptor reflex elicited by neuropeptide Y injected into the nucleus tractus solitarius of the rat, 135
Gstoettner, W., Burian, M., Zundritsch, R. and Mayr, R., The origin of the vestibulo-cochlear projection in the guinea pig, 163

Haas, H.L., see Birnstiel, S., 61
Haggard, P. and Wing, A.M., Remote responses to perturbation in human prehension, 103
Hanada, M., see Tamiya, R., 64
Hancock, M.B., see Nicholas, A.P., 91
Hannah, R.S. and Roth, S.H., Chronic exposure to low concentra

tions of hydrogen sulfide produces abnormal growth in developing cerebellar Purkinje cells, 225
Häppölä, O., Lakomy, M., Majewski, M. and Yanaihara, N., Distribution of somatostatin- and neuropeptide Y-immunoreactive nerve fibers in the porcine female reproductive system, 273
Hayashi, H. and Tabata, T., Distribution of trigeminal sensory nucleus neurons projecting to the mesencephalic parabrachial area of the cat, 75
Heyes, M.P., Swartz, K.J., Markey, S.P. and Beal, M.F., Regional brain and cerebrospinal fluid quinolinic acid concentrations in Huntington's disease, 265
Hof, P.R. and Bouras, C., Object recognition deficit in Alzheimer's disease: possible disconnection of the occipito-temporal component of the visual system, 53
Holt, G.A., Dalziel, D.J. and Davenport, P.W., The transduction properties of diaphragmatic mechanoreceptors, 117
Hope, P.J., see Duggan, A.W., 191
Hornby, P.J., see Segovia, J., 252
Hörner, M., Illert, M. and Kümmel, H., Absence of recurrent axon collaterals in motoneurones to the extrinsic digit extensor muscles of the cat forelimb, 183
Hossmann, K.-A., see Kuroiwa, T., 141
Howlett, A.C., see Courtney, N.D., 261

Illert, M., see Hörner, M., 183
Inagaki, S., see Kubota, Y., 109
Inagaki, S., see Tamiya, R., 64
Ishida, N., Noji, S., Ono, K., Koyama, E., Nohno, T., Taniguchi, S., Tokunaga, Akira, Fujii, T. and Mitsui, Y., Diurnal regulation of per repeat mRNA in the suprachiasmatic nucleus in rat brain, 113
Ishii, T., see Kato, T., 33
Iwata, H., see Koyama, Y., 210
Izumi, Y., Clifford, D.B. and Zorumski, C.F., 2-Amino-3-phosphonopropionate blocks the induction and maintenance of long-term potentiation in rat hippocampal slices, 187

Jacoby, H.I., Bonfilio, A.C. and Raffa, R.B., Central and peripheral administration of serotonin produces opposite effects on mouse colonic propulsive motility, 122
Jarrott, B., see Carlberg, M., 29
Jounieaux, V., see Wallois, F., 145
Junien, J.L., see Roman, F.J., 202

Kadoya, F., see Mitani, A., 167
Kakihana, M., see Fukumoto, H., 221
Kakuda, N., Nagaoka, M. and Tanaka, R., Discrimination of different motor units by spike-triggered averaging of surface electromyograms, 237
Kamenka, J.M., see Lerner-Natoli, M., 174
Kano, M., see Satoh, R., 233
Katagiri, T., see Kato, T., 33
Kataoka, K., see Mitani, A., 167
Kato, T., Sasaki, H., Katagiri, T., Sasaki, H., Koiwai, K., Youki, H., Totsuka, S. and Ishii, T., The binding of basic fibroblast growth factor to Alzheimer's neurofibrillary tangles and senile plaques, 33
Kish, P.E. and Ueda, T., Calcium-dependent release of accumulated glutamate from synaptic vesicles within permeabilized nerve terminals, 179
Kitai, S.T., see Surmeier, D.J., 41
Koiwai, K., see Kato, T., 33
Koyama, E., see Ishida, N., 113
Koyama, Y., Baba, A. and Iwata, H., L-Glutamate-induced swelling of cultured astrocytes is dependent on extracellular Ca^2, 210
Kristeva, R., see Cheyne, D., 17
Kubota, Y., Inagaki, S., Shimada, S. and Takagi, H., Spiny and aspiny types of neuropeptide Y immunoreactive neurons in the monkey neostriatum, 109
Kucera, J., see Walro, J. M., 213
Kümmel, H., see Hörner, M., 183
Kuramoto, K., see Sorimachi, M., 229
Kuroiwa, T., Bonnekoh, P. and Hossmann, K.-A., Locomotor hyperactivity and hippocampal CA1 injury after transient forebrain ischemia of gerbils, 141

Laemle, L.K., Dlugos, C.A. and Cotter, J.R., Neuropeptide Y innervation of the cerebellum in the little brown bat (*Myotis lucifugus*), 25
Lakomy, M., see Häppölä, O., 273
Lambert, N.A. and Teyler, T.J., Adenosine depresses excitatory but not fast inhibitory synaptic transmission in area CA1 of the rat hippocampus, 50
Lang, C.W., see Duggan, A.W., 191
Ledoux, M., see Angulo, J.A., 47
Leng, G., Way, S. and Dyball, R.E.J., Identification of oxytoxin cells in the rat supraoptic nucleus by their response to cholecystokinin injection, 159
Lepetit, P., Touret, M., Grange, E., Gay, N. and Bobillier, P., Decreased protein synthesis in hypothalamic nuclei following L-5-hydroxytryptophan in intact and *p*-chlorophenylalanine-pretreated rats, 218
Lerner-Natoli, M., Rondouin, G., Belaidi, M., Baldy-Moulinier, M. and Kamenka, J.M., *N*-[1-(2-Thienyl)cyclohexyl]-piperidine (TCP) does not block kainic acid-induced status epilepticus but reduces secondary hippocampal damage, 174
Lin, A.M. -Y., Freund, R.K. and Palmer, M.R., Ethanol potentiation of GABA-induced electrophysiological responses in cerebellum: requirement for catecholamine modulation, 154
Liptrot, J., see Butcher, S.P., 245
Lovinger, D.M., Ethanol potentiation of 5-HT_3 receptor-mediated ion current in NCB-20 neuroblastoma cells, 57
Lu, Z., see Smith, D.O., 171
Lüno, K., see Schlingensiepen, K.-H., 67

Macron, J.M., see Wallois, F., 145
Magari, S., see Morita, F., 99
Maggi, C.A. and Pierau, F. -K., Recent advances in research on sensory peptides and capsaicin mechanisms. A conference report, 199
Majewski, M., see Häppölä, O., 273
Mann, K., see Schwarz, J.R., 205
Markey, S.P., see Heyes, M.P., 265
Martire, M., Fuxe, K., Agnati, L.F., Pistritto, G. and Preziosi, P., Galanin increases potassium evoked release of [^{3}H]5-hydroxytryptamine from rat hypothalamic synaptosomal preparations, 87
Mayr, R., see Gstoettner, W., 163
McEwen, B.S., see Angulo, J.A., 47
McGlinn, A., see Yamamoto, R., 151
Midwinter, M.J. and Arendt, J., Adaptation of the melatonin rhythm in human subjects following night-shift work in Antarctica, 195
Mihara, S., see Fujimoto, M., 9
Mitani, A., Kadoya, F., Nakamura, Y. and Kataoka, K., Visualization of hypoxia-induced glutamate release in gerbil hippocampal slice, 167
Mitsui, Y., see Ishida, N., 113
Monaghan, D.T., Differential stimulation of [^{3}H]MK-801 binding to subpopulations of NMDA receptors, 21
Morari, M., see Tanganelli, S., 270

Morita, F., Sakanaka, M., Magari, S. and Sakai, H., Fine structure of substance P-containing nerve fibers in the rat lateral septum; simultaneous localization in pre- and postsynaptic elements, 99
Morita, Y., see Sorimachi, M., 229

Nabeshima, T., Ogawa, S., Nishimura, H., Fuji, K. and Sasaki, T.K. and Y., Staurosporine, a protein kinase inhibitor, attenuates basal forebrain-lesion-induced amnesia and cholinergic neuronal deficit, 13
Nagaoka, M., see Kakuda, N., 237
Nakabayashi, Y., see Satoh, R., 233
Nakamura, Y., see Mitani, A., 167
Narvy, R., see Walro, J. M., 213
Nicholas, A.P. and Hancock, M.B., Projections from the rostral ventrolateral medulla to brainstem monoamine neurons in the rat, 91
Nishimura, H., see Nabeshima, T., 13
Nohno, T., see Ishida, N., 113
Noji, S., see Ishida, N., 113

Ogawa, S., see Nabeshima, T., 13
Ono, K., see Ishida, N., 113

Palmer, M.R., see Lin, A.M. -Y., 154
Paredes, W., see Chen, J., 127
Pascaud, X., see Roman, F.J., 202
Pastuszko, A., see Fernandez-Novoa, L., 83
Pierau, F. -K., see Maggi, C.A., 199
Pistritto, G., see Martire, M., 87
Poitry-Yamate, C. and Tsacopoulos, M., Glial (Müller) cells take up and phosphorylate [^{3}H]2-deoxy-D-glucose in a mammalian retina, 241
Prado-Alcalá, R.A., see Del Guante, M.A.D., 79
Preziosi, P., see Martire, M., 87

Raffa, R.B., see Jacoby, H.I., 122
Rapoport, S.I., see Fine, A., 4
Reis, D.J., see Grundemar, L., 135
Roberts, J.L., see Snyder, L.A., 37
Roman, F.J., Pascaud, X., Duffy, O. and Junien, J.L., *N*-Methyl-D-aspartate receptor complex modulation by neuropeptide Y and peptide YY in rat hippocampus in vitro, 202
Rondouin, G., see Lerner-Natoli, M., 174
Roth, S.H., see Hannah, R.S., 225

Sakai, H., see Morita, F., 99
Sakanaka, M., see Morita, F., 99
Sánchez, M.-M., see Sánchez-Toscano, F., 1
Sánchez-Toscano, F., Sánchez, M.-M. and Garzón, J., Changes in the number of dendritic spines in the medial preoptic area during a premature long-term social isolation in rats, 1
Sasaki, H., see Kato, T., 33
Sasaki, T.K. and Y., see Nabeshima, T., 13
Satoh, R., Nakabayashi, Y. and Kano, M., Pharmacological properties of two types of calcium channel in embryonic chick skeletal muscle cells in culture, 233
Schlingensiepen, K.-H., Lüno, K. and Brysch, W., High basal expression of the *zif*/268 immediate early gene in cortical layers IV and VI, in CA1 and in the corpus striatum – an in situ hybridization study, 67
Schwarz, J.R., Corrette, B.J., Mann, K. and Wiethölter, H., Changes of ionic channel distribution in myelinated nerve fibres from rats with experimental allergic neuritis, 205
Sealfon, S.C., see Snyder, L.A., 37
Segovia, J., Armstrong, D.M., Benzing, W.C. and Hornby, P.J., Striatal glutamic acid decarboxylase immunoreactivity is increased after dopaminergic deafferentation: densitometric analysis, 252
Shimada, S., see Kubota, Y., 109
Smith, D.O. and Lu, Z., Adenosine derived from hydrolysis of presynaptically released ATP inhibits neuromuscular transmission in the rat, 171
Snyder, L.A., Roberts, J.L. and Sealfon, S.C., Distribution of dopamine D_2 receptor mRNA splice variants in the rat by solution hybridization/protection assay, 37
Sorimachi, M., Yamagami, K., Morita, Ya. and Kuramoto, K., GABA inhibits the rise in cytosolic free calcium concentration in depolarized immature cerebellar Purkinje cells, 229
Stefani, A., see Surmeier, D.J., 41
Stone, R.A., see Yamamoto, R., 151
Suno, M., see Fukumoto, H., 221
Surmeier, D.J., Stefani, A., Foehring, R.C. and Kitai, S.T., Developmental regulation of a slowly-inactivating potassium conductance in rat neostriatal neurons, 41
Swartz, K.J., see Heyes, M.P., 265

Tabata, T., see Hayashi, H., 75
Takagi, H., see Kubota, Y., 109
Takagi, H., see Tamiya, R., 64
Tamiya, R., Hanada, M., Inagaki, S. and Takagi, H., Synaptic relation between neuropeptide Y axons and cholinergic neurons in the rat diagonal band of Broca, 64
Tanaka, R., see Kakuda, N., 237
Tanganelli, S., Antonelli, T., Morari, M., Bianchi, C. and Beani, L., Glutamate antagonists prevent morphine withdrawal in mice and-guinea pigs, 270
Taniguchi, S., see Ishida, N., 113
Teyler, T.J., see Lambert, N.A., 50
Thoumie, P., see Do, M.C., 148
Tokunaga, A., see Ishida, N., 113
Totsuka, S., see Kato, T., 33
Touret, M., see Lepetit, P., 218
Tsacopoulos, M., see Poitry-Yamate, C., 241

Ueda, T., see Kish, P.E., 179

Wahlestedt, C., see Grundemar, L., 135
Wallois, F., Macron, J.M., Jounieaux, V. and Duron, B., Trigeminal afferences implied in the triggering or inhibition of sneezing in cats, 145
Walro, J. M., Kucera, J. and Narvy, R., Non-neural and neural expression of myosin heavy chains by regenerated intrafusal fibers of rats, 213
Way, S., see Leng, G., 159
Weller, U., Dauzenroth, M.-E., Gansel, M. and Dreyer, F., Cooperative action of the light chain of tetanus toxin and the heavy chain of botulinum toxin type A on the transmitter release of mammalian motor endplates, 132
Westfall, T.C., see Courtney, N.D., 261
Wiethölter, H., see Schwarz, J.R., 205
Williams, C.A., see Duggan, A.W., 191
Wing, A.M., see Haggard, P., 103

Yamagami, K., see Sorimachi, M., 229
Yamamoto, R., McGlinn, A. and Stone, R.A., Brain natriuretic peptide-immunoreactive nerves in the porcine eye, 151
Yanaihara, N., see Häppölä, O., 273
Youki, H., see Kato, T., 33

Zorumski, C.F., see Izumi, Y., 187
Zundritsch, R., see Gstoettner, W., 163

CONTENTS *(continued from back cover)*

Discrimination of different motor units by spike-triggered averaging of surface electromyograms
N. Kakuda, M. Nagaoka and R. Tanaka (Japan) 237
Glial (Müller) cells take up and phosphorylate [^{3}H]2-deoxy-D-glucose in a mammalian retina
C. Poitry-Yamate and M. Tsacopoulos (Switzerland) 241
Characterisation of methylphenidate and nomifensine induced dopamine release in rat striatum using in vivo brain microdialysis
S.P. Butcher, J. Liptrot and G.W. Aburthnott (U.K.) 245
Effects of colchicine on the development of tachyphylaxis to calcitonin gene-related peptide in the guinea pig heart
A. Franco-Cereceda (Sweden) 249
Striatal glutamic acid decarboxylase immunoreactivity is increased after dopaminergic deafferentation: densitometric analysis
J. Segovia, 252
Efferent projections from the external parabrachial area to the forebrain: a *Phaseolus Vulgaris* leucoagglutinin study in the rat
J.F. Bernard, J. Carroué and J.M. Besson (France) 257
Dopaminergic regulation of dopamine release from PC12 cells via a pertussis toxin-sensitive G protein
N.D. Courtney, A.C. Howlett and T.C. Westfall (U.S.A.) 261
Regional brain and cerebrospinal fluid quinolinic acid concentrations in Huntington's disease
M.P. Heyes, K.J. Swartz, 265
Glutamate antagonists prevent morphine withdrawal in mice andguinea pigs
S. Tanganelli, T. Antonelli, M. Morari, C. Bianchi and L. Beani (Italy) 270
Distribution of somatostatin- and neuropeptide Y-immunoreactive nerve fibers in the porcine female reproductive system
O. Häppölä, M. Lakomy, M. Majewski and N. Yanaihara (Finland, Poland, Japan) 273

Author Index 277